

**City of Columbia Utility Department
Sewer Utility
Program Requirements**

Private Source Inflow and Infiltration Reduction Program

The City’s Sewer Utility will provide assistance to property owners to identify and remove private sources of inflow and infiltration (I/I) located on their property as detailed in this program. The Inflow and Infiltration Reduction Program was established to:

- Reduce inflow and infiltration in the most cost effective manner
- Reduce instances of surcharged sanitary sewers due to inflow and infiltration which are inimical to public health and welfare
- Reduce the chance of sanitary sewer backups
- Reduce the need for construction of expanded or relief sewers
- Maximize efficient operation and prevent overload of the wastewater treatment plant

The City has determined that certain requirements for the Inflow and Infiltration Reduction Program are necessary to protect the City’s sanitary sewer system, the integrity of such a program and the financial well-being of the City.

A private property inflow and infiltration removal assistance program is being implemented in accordance with the following requirements:

- 1) The following I/I sources are eligible for reimbursement:

TABLE 1		
Private Inflow and Infiltration Source	Maximum City Reimbursement	Maximum Unit Price Reimbursement
Sump Pump (disconnect existing pump from sewer and permanently discharge outside of residence)	\$1000	N/A
Downspout disconnection from sewer (up to 4)*	\$500	\$125
Service lateral*	\$2,500	\$30 per foot
Sewer service connection	\$1,900	N/A
Pavement restoration in street rights-of-way*	\$4,500	\$115 per square yard

*For these items, the rate of reimbursement will be per unit and cannot exceed the unit price given and the total cannot exceed the maximum listed.

2) The program applies to all owner occupied residences having three (3) units or less with the sewer lateral connected directly to the City's public sewer main, inside or outside of the corporate limits of the City of Columbia, built prior to 1996. Buildings connected to sewer mains owned by the Boone County Regional Sewer District or any customer of the Boone County Regional Sewer District connected directly to the City's public sewer main are not eligible for reimbursement through this program.

3) The program shall apply only to removal of I/I sources completed after the effective date of the ordinance authorizing the Private Source Inflow and Infiltration Reduction program and where approved for reimbursement through this program prior to the installation. The City shall, in its sole discretion, determine the eligibility of removals for this program.

4) Financial participation of the City is limited to funds budgeted for the program. Funding levels may be changed or eliminated based on the City's annual review of the program.

5) Applications will be classified into the following priority groups for the purposes of determining funding eligibility:

a) First priority – Building is located within an area selected by the City for infiltration and inflow removal or the building owner has applied for the City's Cost Reimbursement Program for the Installation of Overhead Sewers or Backflow Prevention Devices or Removal of Plumbing Fixtures.

b) Second priority:

1. Any building which has inflow and infiltration sources and meets the requirements of Item 2.

Between October 1 and April 30 of each fiscal year, applications from the first priority group will be funded on a first come, first served basis within available budget limitations. If budget funds remain, on May 1, applications from both priority groups will be funded between May 1 and September 30 of each fiscal year on a first come, first served basis within available budget limitations.

Applications not funded in a fiscal year will be carried over to the next fiscal year and funded in accordance with the above procedures.

6) An Owner desiring to participate in this Program must complete the following steps:

a) Complete and sign Application for Participation.

b) City inspects the building and issues a notice of eligibility or noneligibility to the Owner. Said notice shall include the sources or potential sources of infiltration and inflow which must be removed as a requirement of this Program.

c) Upon receipt of a notice of eligibility from the City, the Owner obtains proposal(s) from contractor(s) as described in Item 15. If the Owner does not submit all of the required information within six (6) months of the date of the notice of eligibility, the

Owner must resubmit an Application for Participation form and such application will be treated as a new application for determination of funding eligibility.

d) The Sewer Utility reviews proposals, provides Owner with preliminary approval and provides agreement for Owner signature. Owner must return signed agreement and signed proposal with selected contractor within thirty (30) days of the date of the preliminary approval.

e) Owner and contractor obtain all permits and complete the work.

f) Upon completion of the work, premises are inspected by the City. Upon approval by the City, acceptance by the Owner, and submission of a paid receipt from the contractor to the Owner, reimbursement will be made directly to the Owner. Said reimbursement will be made in the City's normal course of business.

7) Owners of the building where the inflow and infiltration sources are removed, must execute an agreement which includes a clause whereby the Owners release and waive any claim of liability against the City from any consequence of the selection of corrective actions, implementation and completion of the corrective action, the contractor to be utilized, installation of the system, operation or maintenance of the system once it is installed, or the eligibility, participation or funding priority in this Program.

8) No Owner shall be eligible for participation that is delinquent in payment of all fees and charges due to the City.

9) An Owner shall be eligible for participation more than once for the same property. However, in no case, shall the total reimbursement from the City for any one property exceed the limits described in Item 1 above.

10) The Program will be evaluated from time to time in the City's discretion and the City may change or eliminate the Program.

11) The Owner must allow the City to inspect the building prior to the City's determination of eligibility for this Program. This inspection may include a television inspection of all underground waste piping and of the entire service lateral pipe from the building to the point of connection to the City's sewer, dye testing, smoke testing, and rainfall simulation testing.

12) All sources and potential sources of infiltration and inflow must be eliminated as part of this Program at the Owner's sole cost, except for those sources eligible for reimbursement as listed in Table 1. Infiltration and inflow includes any storm water, surface water, ground water, roof runoff water, sub-surface drainage, runoff water from ground or paved areas, cistern overflow or water from air-conditions systems, industrial cooling operations or any other unpolluted water.

13) The Program is limited to the actual cost incurred for eligible work, subject to the funding limitations contained herein, but does not include incidental costs such as landscape restoration, painting, tile, carpeting, etc.

14) The Owner must provide the Sewer Utility with a proposal for the scope of work selected by the Owner prior to authorizing the work. The proposal(s) must provide sufficient detail for the Sewer Utility to determine the exact method of installation, the costs for labor and materials, the portion of the work not eligible for this Program under Items 13 and 14 above, and compliance with all City ordinances.

15) The Owner must obtain building permits from Building and Site Development.

16) All work under this Program must comply with applicable ordinances and building codes.

17) The Owner may elect to proceed with the work even though funding is not available. Reimbursement will be made when budgeted funds become available in accordance with this Program. Such installations must comply with all requirements of this Program to be eligible for future reimbursement.

18) The City may provide a waiver of those Program requirements listed above which are deemed appropriate based on the evaluation of the individual circumstances related to a request for reimbursement.

19) The City shall have the sole authority to determine eligibility for participation, prioritization of requests and compliance with ordinances.

Summary of Time Frames Required by Program Requirements

- 1) City receives properly completed Application for Participation.
- 2) City inspects the building and issues a Notice of Eligibility or Non-Eligibility to the Owner.
- 3) If Owner receives Notice of Eligibility, Owner has six (6) months from the date of the Notice to submit all required information. The Notice of Eligibility shall identify all sources of infiltration and inflow which must be eliminated at the Owner's expense.
- 4) Upon receipt of all required information, City reviews and issues preliminary approval and provides Agreement for Cost Reimbursement Program for Owner signature. Owner must return signed Agreement and signed proposal for installation of the selected backup alleviation method and repair of infiltration and inflow sources identified in the Notice of Eligibility with selected contractor within thirty (30) days of the date of the preliminary approval.
- 5) Within six (6) months of the date of the preliminary approval, Owner and contractor must obtain all permits, complete the work, request inspection by the City, and submit paid receipts.
- 6) If Owner fails to comply within any of the allotted time frames detailed above, funding priority ceases and Owner must submit new Application for Participation and such application will be treated as a new application for determination of funding eligibility.